

DESERT WINGS

Public Affairs, Volume 66, Number 16

July 27, 2018

Brig. Gen. Teichert takes command of 412th Test Wing

By Kenji Thuloweit

412th Test Wing Public Affairs

Brig. Gen. Carl Schaefer passed the 412th Test Wing flag of leadership to Brig. Gen. E. John Teichert during a change of command ceremony in Hangar 1600 at Edwards AFB, July 18.

Maj. Gen. David Harris, Air Force Test Center commander, officiated the ceremony held in front of the Edwards workforce, base leadership and friends and families.

Teichert returns to Edwards after recently serving as commander of the 11th Wing and Joint Base Andrews in Maryland. He graduated from U.S. Air Force Test Pilot School here in December 2003. He later commanded the 411th Flight Test Squadron and was director of the F-22 Combined Test Force.

“On Monday afternoon, my family and I drove through the north gate; we were greeted by one of our outstanding defenders, Airman 1st Class Moore, said Teichert. “Of course, we saw that large brown sign that said Edwards Air Force Base and I was overwhelmed, humbled and amazed that I was back home at the center of the aerospace testing universe.”

After taking the reins from Schaefer, who has led the 412th TW since April 2015, Teichert now leads a wing of more than 8,000 personnel in the developmental test and evaluation of the F-35, KC-46, F-22, F-16, B-1, B-2, B-52, C-17,



Brig. Gen. E. John Teichert III gives his first salute to his workforce after assuming command of the 412th Test Wing July 18 in Hangar 1600 at Edwards Air Force Base. (U.S. Air Force photo by Kenji Thuloweit)

C-130, KC-135, Global Hawk, joint remotely piloted aircraft and emerging technologies. Additionally, Teichert is the installation commander responsible for operating the base and supporting more than 11,000 military members and their families, civil service members and defense contractors on the second largest base in the U.S. Air Force.

The new Edwards commander stressed his appreciation of

See Teichert page 3

KC-46 completes flight testing required for delivery



A KC-46A Pegasus tanker takes off from Boeing Field, Seattle, June 4, 2018. The KC-46 program achieved an important milestone July 6, with completion of the final flight tests required for first aircraft delivery to the U.S. Air Force. (Courtesy photo)

From Secretary of the Air Force Public Affairs

The KC-46 Pegasus program achieved an important milestone July 6, 2018, at Boeing Field, Seattle, with completion of the final flight tests required for first aircraft delivery planned in late October.

The integrated Air Force and Boeing test team completed all required test points for the Remote Vision System and for receiver certifications of the F-16 Fighting Falcon and C-17 Globemaster III. These two receivers, coupled with testing completed in June of KC-135 Stratotanker refueling the KC-46 as a receiver, are the minimum required for delivery.

“With this milestone complete, the test program has demonstrated a level of maturity that positions Boeing to deliver, and the Air Force to accept, an aircraft by the end of October 2018,” said Dr. Will Roper, the Air Force service acquisition executive.

The KC-46 test program is now transitioning to follow-on receiver aircraft testing and certifications required for operational testing starting in 2019.

On June 4, 2018, Chief of Staff of the Air Force Gen. David L. Goldfein met with the men and women testing the KC-46 at Boeing Field to witness their hard work firsthand. While flying on a scheduled KC-46 test mission, Goldfein flew the aircraft and its boom in between test points, and observed C-17 receiver aircraft certification testing.

“It was a pleasure to fly the KC-46, an aircraft that will enhance our lethality and global warfighting capabilities,” Goldfein said. After the recent test point completion, he added, “I am encouraged by the team’s progress in putting another significant milestone behind us. The collective Air Force, Boeing, Federal Aviation Administration, and Defense Contract Management Agency team is laser-focused on the remainder of activities needed to certify and accept this much-needed tanker in late October. I am excited for our Air Force as we move closer to having this aircraft in the hands of our warfighters who will unleash its demonstrated capabilities in support of the Joint fight.”

AF updates AFI-36-2903, Dress and Personal Appearance

From Secretary of the Air Force Public Affairs

The Air Force announced a series of uniform updates to Air Force Instruction 36-2903, Dress and Personal Appearance of Air Force Personnel, effective July 13, 2018.

“These changes stemmed from the [100th Air Force Uniform Board](#), which incorporated direct feedback from Airmen,” said Lt. Gen. Gina Grosso, Deputy Chief of Staff, Manpower, Personnel, and Services. “There are additional Uniform Board initiatives that are ongoing and still being analyzed for consideration and implementation by senior leaders.”

The notable changes are, but not limited to:

Grooming and Appearance Standards

No minimum hair length for females, but up to a maximum bulk of three-and-half inches from scalp, allowing for proper wear of headgear.

Females are also authorized locs, which must be lightly fused or interwoven to present a neat, professional appearance.

Dress Uniform

All enlisted personnel may wear three-and-a-half inch or four-inch chevrons.

All or some ribbons and devices may be worn on service dress uniform.

All, some or no ribbons and devices may be worn on blue service uniform.

Outer Garments, Headgear, Rank Insignia and Accessories

- While off duty in civilian clothes males are authorized to wear earrings on or off installation.
- Females are authorized to wear round or square white diamond, gold, white pearl or silver earrings as a set with any uniform combination.



(U.S. Air Force photo)

- Eyeglasses and sunglasses may have a small logo that can contrast with frame color or lenses. Conservative, clear, slightly tinted or photosensitive lenses are also authorized.
- Airmen may wear either a sling style backpack or two strap backpack.
- Handbags for all uniform combinations will be solid black leather or vinyl without ornamentation with black or white stitching.
- Physical Training Gear
- Short- and long-sleeved solid white, black or light gray form fitting undershirts may be worn and visible under the short-sleeved shirt.
- A balaclava (black) may now be worn with PT gear while performing physical fitness activities outdoors.

For the complete list of changes, Airmen should go to: http://static.e-publishing.af.mil/production/1/af_a1/publication/afi36-2903/afi36-2903.pdf.

Annual Civ-Mil BBQ

Newly installed 412th Test Wing commander, Brig. Gen. E. John Teichert, speaks at the 29th Annual Edwards Air Force Base Civilian-Military Support Group barbecue at the Hacienda Lane Ranch in Palmdale, California, July 20. More than 100 people from throughout the Antelope Valley, to include U.S. Congressman Steve Knight, and Team Edwards attended the event to show their support for an organization dedicated to supporting the quality of life on base.

Edwards Civ-Mil was first established in 1989 in response to the Base Realignment Closure Commission's determination to close bases all over the country and world. Today, the Edwards AFB Civilian-Military Support Group exists to create a support association between civic leaders and military personnel at Edwards AFB.



(Courtesy photo)

412th Force Support Squadron upcoming events

Club Muroc 275-CLUB

Club Muroc Summer Parties — Are you looking to host a squadron event or party this summer? Look no further than Club Muroc! For a low price per person, enjoy our "Patio Burger Burn" option, which includes burgers, hot dogs, macaroni salad, potato chips lettuce, tomato, and onions, condiments and water. All you have to provide are cooks, plates, napkins and utensils. Enjoy the secluded patio with access to the pool. Add our 20 foot water slide for an additional fee.

Kids Eat Free on Saturdays! Purchase one adult meal and receive one free kids meal valid for children under 12. Dine-in only.

Monday Pizza Night — Every Monday night from 5-8 p.m. Enjoy a 16" pizza made with fresh dough for dine-in, carryout or delivery. Make sure to try our delicious chicken buffalo pizza! For more options and to place your order, call 275-CLUB.

Wednesday Breakfast Special — Every

Wednesday, 6:30 a.m.-10 a.m. Start your day off with scrambled eggs, bacon, toast and juice. Breakfast is served every weekday from 6:30 - 10 a.m. and all day Saturday and Sunday from 10 a.m.- 8 p.m.

Delivery Service — Did you know that we deliver to base housing? Call us Monday-Friday from 5-8 p.m. to place your order.

High Desert Lanes Bowling Center 275-BOWL

Kids Bowl Free — Registered kids get two free games a day this summer. Include four guests with a family pass for a discounted price. This promotion is available until August 3. The Kids Bowl Free membership is free for each child 15 years and under. Must sign-up via www.kids-bowlfree.com and fill in all fields to obtain KBF® Coupons. "Family Pass" allows up to four additional family members over the age of 15 to receive coupons for two free games of bowling per day and may only be used while bowling with the KBF® member. Shoe rental not included.

Green Pin Special is every Monday, 10:30 a.m.-7 p.m. Get a strike when you have a green head pin and get that game free. Shoe rental not included. Cannot be combined with any other offers/specials.

Family Package Fridays is from 2-6 p.m. Price includes two hours of unlimited bowling, shoe rental, large one-topping pizza and a pitcher of soda.

Glow in the Dark Bowling is Friday and Saturday, 6 p.m.-midnight. Shoe rental included with price. Bowl as many games as you want. Don't miss out on all the fun at an affordable price and a fun atmosphere for the whole family.

Oasis Community Center 275-CNTR

Missoula Children's Theater: Gulliver's Travels is open to ages 5 years (entering 1st grade) to 18 years (entering 12th grade). Auditions: Monday, Aug. 6 at 10 a.m., at the Youth Programs Gym. Rehearsals are Monday-Friday at Stripes Lounge from 9-11 a.m. and from 12-2 p.m. (dependent on role/part in play). Final performance is Friday, August 10, at 2 p.m. and 4 p.m. at Stripes Lounge. For any questions, call Oasis at 275-CNTR(2687)

**For more information
about 412th FSS offerings, visit
www.edwardsfss.com/wordpress**

Rosburg Fitness Center 275-GYM1

Fitness Classes — High intensity classes are Mondays and Wednesdays at 6:30 a.m. on the basketball court. Circuit training is Tuesdays and Thursdays at 3:30 p.m. on the basketball court.

Library 275-BOOK

Reading Takes You Places runs until Aug. 17. Summer reading program for children of all ages. Sign-up throughout the program. Special event every Friday at 10 a.m. Call or stop by the base library now!

Education and Training 277-2713

Leadership Training Opportunities — Did you know that your Edwards Education and Training Center offers a variety of civilian leadership training programs to help civilian leaders in their day-to-day leadership paths? Examples of the courses that can be offered are: Leadership Gold, 360 Degree Leader and Leadership the Challenge. Please contact your Edwards Education and Training Center if any one of these courses are of interest to you.

National Test Center hours are Tuesday-Thursday from 8 a.m. until 2:30 p.m. only. To schedule an exam, or for additional information, please contact the AMU test examiner at 524-4431, or contact Education and Training. As always, the office is open for all your educational needs. As always, drop by the Ed Center for any questions.

Aero Club 275-AERO


Flight Instructors Needed!

Realize Your Dreams. Start Flying! — Join the thousands of men and women who made their dream a reality. Open to active duty military, DOD and NAF civilians, family members, Civil Air Patrol members, retired military, Guard and Reserve.



Adopt me!


Max is a 9-month-old brindle lab mix pup. He's sweet, energetic and always ready to go! He enjoys hiking and walks with his favorite people and chewing on his favorite toys. Max does fantastic with kids and loves when they like to play fetch! Could Max be the perfect pup for you? Contact APET today at 258-9525.



WEDNESDAY AUGUST 8 6:30AM

ROSBURG FITNESS CENTER

Push yourself to the limits with this outdoor high-intensity interval training

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speed of 40 mph! Anyone under 18
must be accompanied by parent or
adult guardian.**



DESERT
EXPERIENCES
SUMMER
2018

LANDSAIL

Outdoor Recreation 275-CAMP

August Discounted R4R Trips:

Surfing Lessons are Aug. 4 from 8 a.m.-5 p.m.
Sign up by Aug. 1.

Rush Air Sports is Aug. 4 from 8:30 a.m.-4 p.m.
Sign up now.

Deep Sea Fishing is Aug. 25 from 3 a.m.-8 p.m.
Sign up by Aug. 22.

RecOn pricing is for all USAF active duty, Reservists and their family members. Anyone under the age of 18 must be accompanied by parent or guardian.

Gun Safety Classes are on the fourth Saturday of every month from 9 a.m.-2 p.m. Small fee per person. Open to ages 18 and up with classes being held at the Rod & Gun Club. Familiarization and how-tos of guns and shooting taught by California's fastest shooter, Len Paris. Includes a classroom portion on basic firearms and safety rules, followed by two hours of shooting practice on the range. Ammunition at no time will be allowed in the classroom. Guns will not be provided. Class size is limited so reserve your spot by visiting Outdoor Rec.

Pool Movie Nights are 4-8 p.m. Price includes food, goodie bags, relay races and door prizes. Space is limited so sign up fast.

Now Hiring Lifeguards for the Oasis Aquatic Center. Free training for applicants who pass the initial swim test. Swim test includes a 300 meter swim, two-minute tread with no hands and a timed deep-water brick retrieval. Must be 16 years or older to apply. Contact the Oasis Aquatic Center for more information.

Open/Family Swim at Oasis Aquatic Center is Monday-Friday. Hours are 3-5:30 p.m. Family pass is valid for four people for three months. Passes are available for purchase at Outdoor Recreation and the Oasis Community Center now. They must be shown to the lifeguards on duty for verification before entering the pool.

Free Lap Swim at the Oasis Aquatic Center hours are Monday, Wednesday and Friday from 6-8 a.m. And Monday-Friday, 10 a.m.-6 p.m. No children allowed unless they are able to swim laps unsupported.

Need Ski or Snowboard Gear? Outdoor Rec has all of the equipment you need. Check out the Equipment Rental pricelist on ODR's page at www.edwardsfss.com or stop by ODR today!

Numerous openings in RV Storage — Come over and park your equipment for our low prices

and have access to them anytime you need.

Muroc Lake Golf Course 275-PUTT

Long Drive and Trick Shot Program — Aug. 18, 9 a.m.-3 p.m. FREE clinics and presentations open to all ages. Program features Todd Keirstead, professional golfer, author and motivational speaker featured on Golf Channel, Sports Illustrated, ESPN, TSN and TMZ.

LPGA Golf Pro Clinic dates are Friday, Aug. 24 from 9 a.m.-2 p.m. and Saturday, Aug. 25, from 8 a.m.-2 p.m. Muroc Lake Golf Course will host LPGA pro Molly Aronson for two free golf clinics open to all ages.

Single Airman Golf Special — Single Airmen can enjoy 18 holes, cart, burger, fries and drink for a small price. Rental sets are provided for no charge if needed. Limited to the first 100 participants. Single Airmen are Air Force active duty or Air Reserve Component personnel permanently assigned to an Air Force installation or Air Force-led joint base without a spouse and a guest.

Information, Tickets and Travel 275-TRIP

New Travel Specialist — Save hours of searching the internet by contacting Candace at Edwards ITT. She has over 10 years of travel experience and is here to help you plan the vacation of your dreams. Custom packages are available including resorts, cruises, flights and tours.

ITT Pricelist & Other Events — To see the current ITT price list for events, parks, hotels and discount information, visit www.edwardsfss.com/wordpress/travel/itt.

Armed Forces Vacation Club — Let us find

your dream vacation rental. Forget cramped quarters, get access to space-available resort rentals worldwide for one low weekly price. Call 275-TRIP(8747).

Teen Center 275-8336

Teen Center Summer Programs are for ages 13-18. Six exciting trips beginning July 19 with Morro Bay Kayaking, Cal Poly campus tour and San Luis Obispo Farmer's Market Trip. Call the Teen Center to sign up. Other trips are Getty Center/Santa Monica; music video recording camp; Big Bear; and skateboard and science camps.

Instructional Classes — Gymnastics (ages 3-17 years) are Tuesdays, Wednesdays and Thursdays. Email ssgymnastic1@yahoo.com for more information.

Youth Sports 277-8961

Sideline Sports Camp with Youth Sports is Aug. 13-17, for ages 9-18. Times are 9 a.m.-12 p.m. and 1-4 p.m. Free for members; fee for non-members. Take a new adventure into non-traditional sports such as: ultimate frisbee, badminton, water polo, fencing and lacrosse.

Youth Soccer — Sign up now. Season starts in September. Ages 5-14 with all teams being co-ed. Call for prices. Discounts for siblings who sign up. Late fee will be charged after July 27. Volunteer coaches are also needed.

Start Smart Soccer for ages 3 and 4. Season begins Sept. 12. Sign up by Aug. 13. Call for prices.

Youth Programs 275-5437

Boys & Girls Club Power Hour/Project Learn is Monday-Thursday, 2:30 p.m. — 4 p.m. Making minutes count helps club members (ages 6-12) become successful in school by providing homework help/tutoring while encouraging members to become self-directed learners. See Ms. Breanne for details and to sign up.

Creative Kids - Art Daily at 3 p.m. in the art room area. Children will enjoy creating all types of cool arts and crafts.

Fitness Daily is at 3:30 p.m. in the Youth Center Gym. Join us for fitness. See what played like dodge ball, skating, volleyball and much more.

4-H Photography Club — is the first Tuesday of the month from 3:30 p.m.-5 p.m. Youth will have the opportunity to learn and experience basic photography skills. See Ms. Kerry for details.

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IN MOTION**



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Sun-powered cars show off STEM students' ingenuity

By Kenji Thuloweit
412th Test Wing Public Affairs

Fueled only by the sun's rays, 26 custom-built cars made their way across the United States on a trek that ended at the Antelope Valley Mall in Palmdale, California, July 23 for the finale of this year's Solar Car Challenge.

The challenge is a 15-month endeavor where participating high schools build their own solar cars and either drive them on a closed track at the Texas Motor Speedway, or a cross-country event. The Texas to California event this year gives students an opportunity to show the country the product of their efforts, according to the organization's website.

Edwards AFB supported this year's finale with an F-16 Fighting Falcon fly-over conducted by Capt. Stephen Jude of the 416th Flight Test Squadron.

The Solar Car Challenge is a project-based STEM (science, technology, engineering and mathematics) initiative aimed at helping to motivate students in science, engineering, and alternative energy. The program was developed in 1993 as a high school extra-curricular program and later evolved into the Solar Car Challenge Foundation, according to the website.

"It is critical for our students to be prepared for college and career and life, and STEM literacy is a key component of that preparedness," said Diane Walker, Antelope Valley Union High School District, Industry Liaison and Post-Secondary Partnerships director. "Projects



One of 26 custom-built cars that made their way across the United States on a trek that ended at the Antelope Valley Mall in Palmdale, California, July 23 for the finale of this year's Solar Car Challenge. Each car was powered only by the sun's energy. (U.S. Air Force photo by Kenji Thuloweit)

such as the Solar Car Challenge are just one way to engage students in rigorous, relevant applications of the subjects they are learning in school. With leading-edge technology and advanced manufacturing industries in the greater Antelope Valley, in particular, we want to continue to provide opportunities to show students and the communities within the region the exciting things that are happening in these fields and how they can be involved."

This year's race started in Fort Worth, Texas, and ended in Palmdale. The 26 participating teams came from as far as Staten Island, New York, and Florida. Two California high schools were among the racers — Palmdale High

School and La Cañada High School.

The Air Force recognizes there is a critical need for STEM talent for future technology and innovation efforts, especially within the gates of Edwards AFB. A diversified STEM talent pool will establish the pace of technological advancements and enable the Air Force to avoid surprises. A transformational STEM workforce will also direct the path of technological dominance and sustain a combat edge for the armed services, according to the DOD.

Edwards is also planning on starting its own STARBASE program, which is a DOD initiative that partners with the local community to provide hands-on training and education in STEM subjects.

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the Edwards people and its mission to provide the most lethal and technologically advanced aircraft and aircraft systems to the military.

"We are all here to make sure we test tomorrow's technology today, for the warfighter," Teichert said. "As you undoubtedly know, this place, Edwards Air Force Base and the 412th Test Wing, is world renowned because of what you do for the warfighter. Edwards AFB has an oversized impact on our current and future capabilities to make sure that America's arsenal is as strong as possible because of what you do for the warfighter. I so deeply look forward to serving alongside of you over the course of the next few years."

Teichert, a native of Port Angeles, Washington, received his commission through the Air Force Reserve Officer Training Corps program at the Massachusetts Institute of Technology in 1994. He is a command pilot with more than 2,000 hours in 36 different aircraft types. His combat experience includes Operations Northern Watch, Deliberate Forge and Allied Force.

Schaefer is scheduled to be promoted to the rank of major general and moves on to his next assignment at Air Force Ma-

teriel Command at Wright-Patterson Air Force Base, Ohio.



Maj. Gen. David Harris, Air Force Test Center commander (left), passes the 412th Test Wing guidon to Brig. Gen. E. John Teichert III, signifying the transfer of command of the wing, July 18 in Hangar 1600 at Edwards Air Force Base. (U.S. Air Force photo by Kenji Thuloweit)

This Week in Edwards History

On July 25, 2000, the F-22 Combined Test Force's Raptor 02 successfully launched an AIM-9 Sidewinder missile over the China Lake Test Range. The test confirmed the F-22's ability to launch an air-to-air missile from an internal weapons bay. (Edwards History Office file photo)



Team Edwards learns about education opportunities

By Kenji Thuloweit
412th Test Wing Public Affairs

Dozens of colleges and university representatives packed Club Muroc's Alliance Ballroom to talk to Team Edwards members about what they have to offer in the way of degrees, certificates and continued education.

The 412th Force Support Squadron's Edwards Education Center sponsored its annual Education Fair July 24. The fair brings colleges from all over the country to base so that Airmen, civilians and contractors can simply drive to the club and learn about education opportunities available to them.

For base personnel who were unable to attend, Edwards Education Office counselors and staff are available to assist military and civilians with education counseling, professional military education, tuition assistance, academic advisement, enrollment and civilian developmental education programs. Tuition assistance may also be available to select government civilian employees.

For more information on how you can continue your education, contact the Edwards Education Office at 277-2713.



Izzy Avila, Penn State University outreach director (right), discusses his university's programs with a member of Team Edwards at the annual Education Fair held at Club Muroc July 24. (U.S. Air Force photo by Kenji Thuloweit)

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